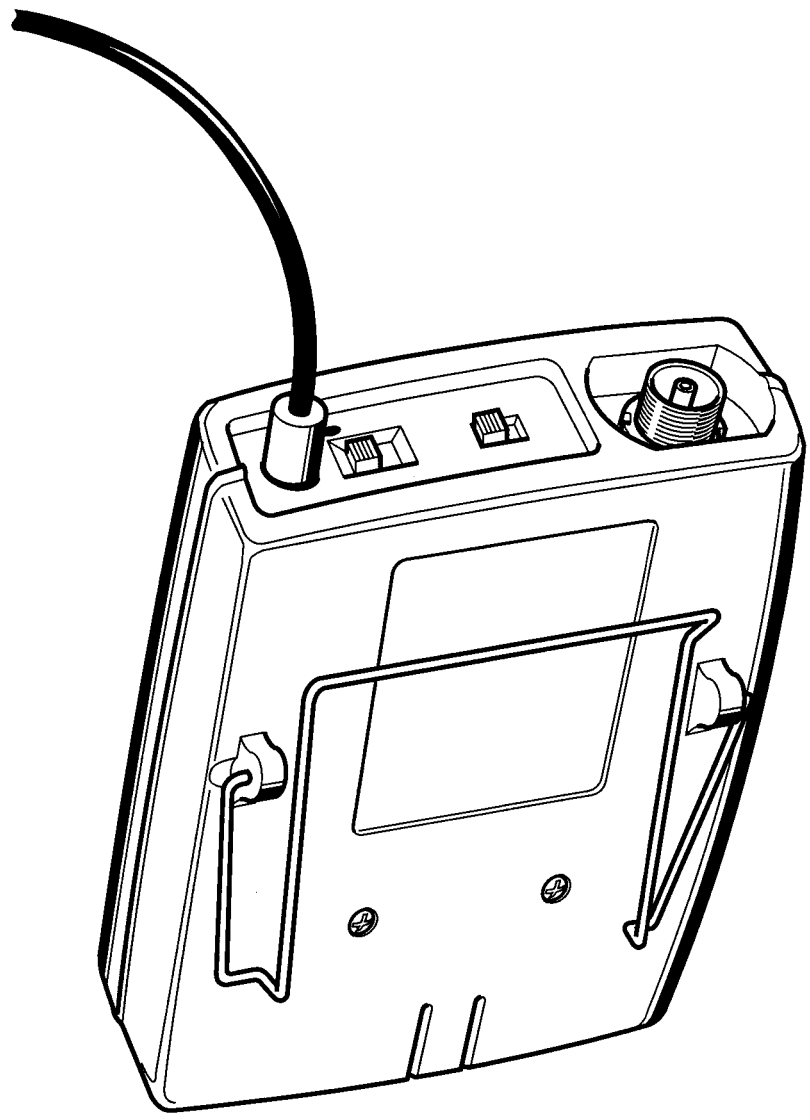
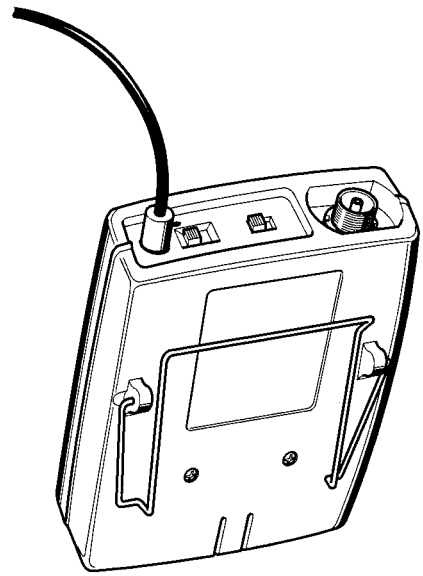
GEBRAUCHSANLEITUNG
INSTRUCTIONS FOR USE
NOTICE D'EMPLOI
ISTRUZIONI PER L'USO
INSTRUCCIONES PARA EL USO
GEBRUIKSAANWIJZING

SK 1063-U





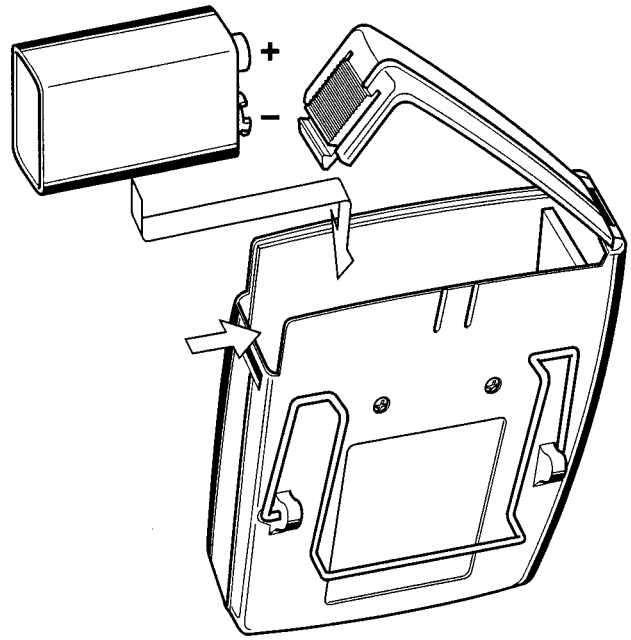
Thank you for choosing Sennheiser!

You have made an excellent choice. This product will give you reliable operation over many years. All of Sennheiser's professional expertise and more than fifty years of experience have gone into the creation of this state-of-the-art product.

The SK 1063-U body-pack transmitter gives you complete freedom of movement on stage. It has been especially designed for use with miniature microphones (or guitars with optional DA 1083 K cable). The MKE 2-1053 clip-on microphone (notsupplied) is powered via the SK 1063-U, the microphone sensitivity can easily be selected on the transmitter to ensure optimum transmission.

Features

- compact design
- easy to operate
- 16 switchable channels
- frequencies approved in most major countries
- sensitivity switch for the microphone input
- operation on 9 V PP3 battery
- 8 hours of continuous operation with one alkaline-manganese battery
- signal-to-noise ratio 116 dB



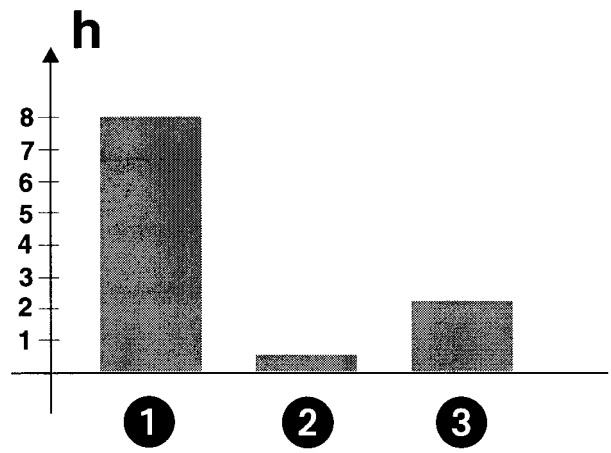
Inserting the battery

Observe the correct polarity when inserting the battery!
The battery compartment is fitted with a reverse voltage protection so that the transmitter will not be damaged in case you insert the battery the wrong way round.

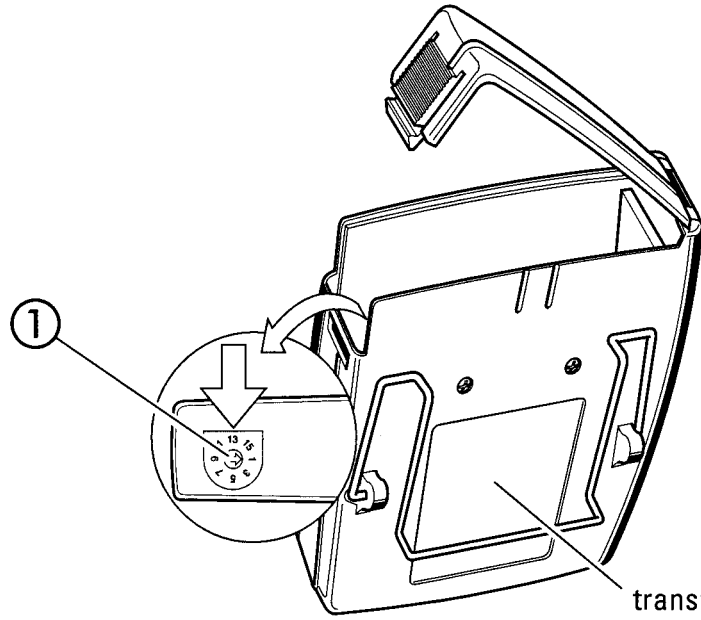
You can use the following types of batteries for the SK 1063-U transmitter:

❶ 9 V PP3 battery (IEC 6 LR 61)
❷ 9 V PP3 rechargeable battery
❸ special 9 V BA 1032 accupack from Sennheiser

Depending on the type of battery used, the operating time will vary:



If you are using BA 1032 accupacks, you require the L 2032 charger for quick charging. It features two charging compartments, one for an SK 1063-U with accupack inserted and a sencond for a spare BA 1032.



Adjusting the transmission channel

The battery compartment contains the channel selector switch ① with which you can choose one of the 16 possible transmission channels. The corresponding **transmission frequencies** are listed on a label at the back side.

Transmitter and receiver must operate on the same frequency!

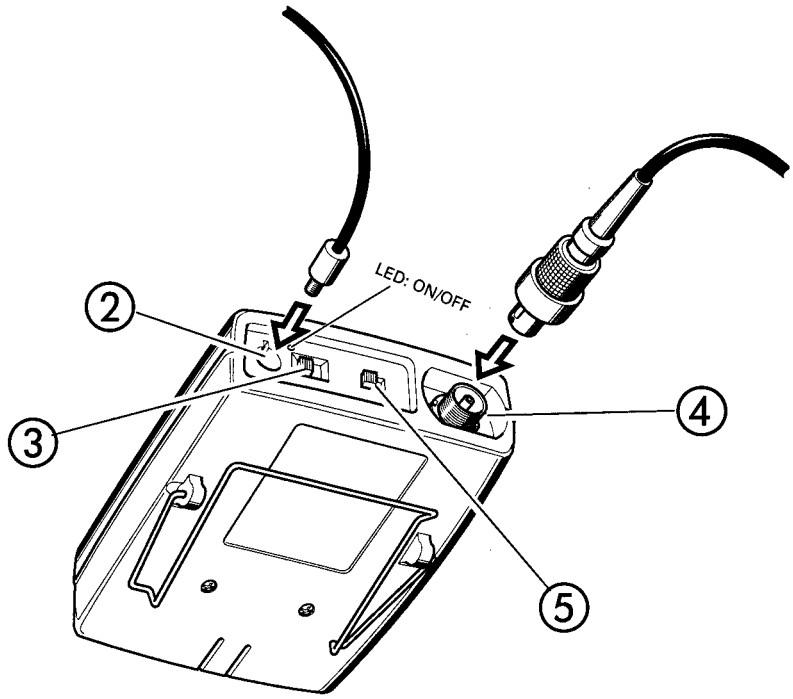
Before deciding on a transmission channel, you should test - **with the receiver only** - whether the chosen channel is free. Switch on the receiver and listen to the channel. When you are sure that no one else is occupying this channel, you can set the body-pack transmitter to the same frequency.

Excellent sound quality with HiDyn *plus*®

This device is equipped with the Sennheiser **HiDyn *plus*®** noise reduction system for full dynamics and crystal-clear sound transmission.

HiDyn *plus*® reduces noise and interference in wireless transmission and increases the signal-to-noise ratio to up to 110 dB, thus even surpassing the 96 dB dynamic range of a CD.

This Sennheiser patented noise reduction system was developed for high quality stage and studio equipment.



Connecting the antenna

Screw the supplied antenna to socket ②.

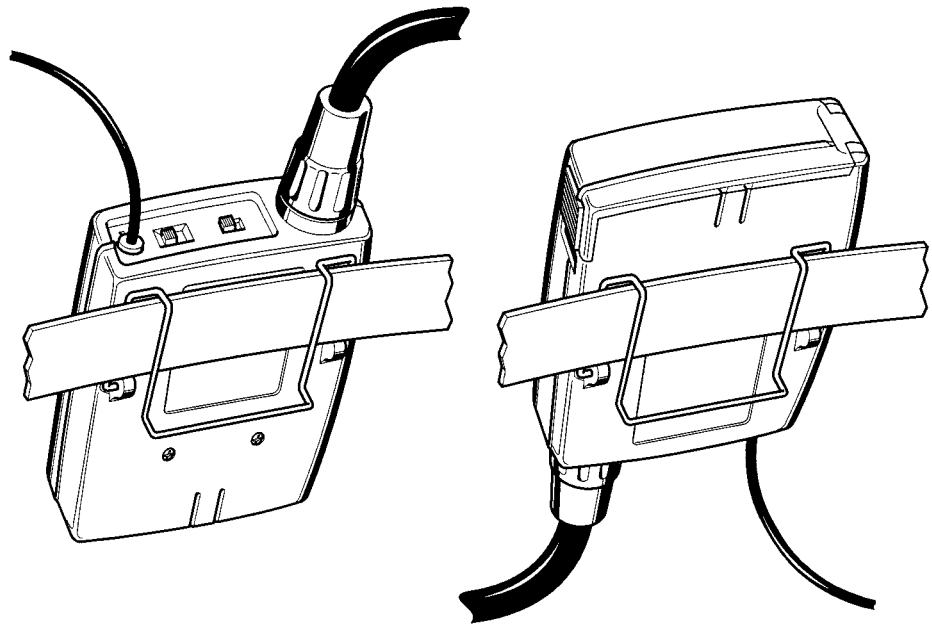
Switching the transmitter on

The SK 1063-U transmitter is switched on (and off, respectively) with sliding switch ③.

After having switched on the transmitter you must wait approx. 2 seconds as the transmitter requires this time for adjusting to the chosen frequency (PLL locked). After a short time, the red LED below the ON/OFF switch will light up.

Connecting the microphone

Connect the MKE 2-1053 microphone (not supplied) to socket ④. If you want to use a different microphone, ask your specialist dealer for the appropriate Sennheiser connecting cable.



Selecting the microphone sensitivity

The sensitivity of the microphone input can be selected with switch ⑤:

Position "0":	for normal to loud voices
Position "20 dB":	for loud to very loud voices

Connecting a guitar

With the optional DA 1083 K cable you can connect the SK 1063-U to a guitar. Use socket ④ for connection and set the sensitivity switch ⑤ to "0".

Wearing the transmitter

You can either simply put the SK 1063-U transmitter into your pocket (e.g. your jacket pocket or your trouser pocket) or wear it on the belt using the supplied clip.

You can attach the clip such that the connection cable and the antenna point upwards or downwards (see diagram). Thus you can hide them in your clothing.

Notes on possible health hazards

The SK 1063-U transmitter is operating in the UHF frequency band at a low output power.

Output power and frequency band have been chosen to comply with international telecommunications regulations such that – according to today's scientific knowledge – possible health hazards for the user are avoided.

Please note the following

- Do not wear the SK 1063-U transmitter directly on your skin. Sweat might get into the electonic units and damage the transmitter. In addition, body contact with the antenna vastly reduces the output power of the transmitter.
- Never store the SK 1063-U transmitter with batteries inserted. Even modern batteries with several cans may leak and thus damage the transmitter.
- If you are using several systems simultaneously, you should store transmitters and receivers of matching frequencies together.

  Tip: Using coloured adhesive tape helps to identify devices with matching frequencies!

Fault finding

Fault	Possible cause
No function at all:	Flat battery (please replace immediately) or battery inserted the wrong way round.
No transmission:	Receiver or transmitter not switched on, or operating on different channels, receiver antennae not inserted or connection to remote antennae interrupted.
Distorted sound:	Input amplifier of mixing console overmodulated, lower AF level on the EM 1031-U receiver.
Distorted sound, red LED (AF level display) on the receiver is lit:	Transmitter overmodulated, reduce the sensitivity.
Short hissing or short interruption:	Distance between transmitter and receiver too great, squelch in the receiver is triggered. General rule: transmitter and receiver should be in a direct line of sight.

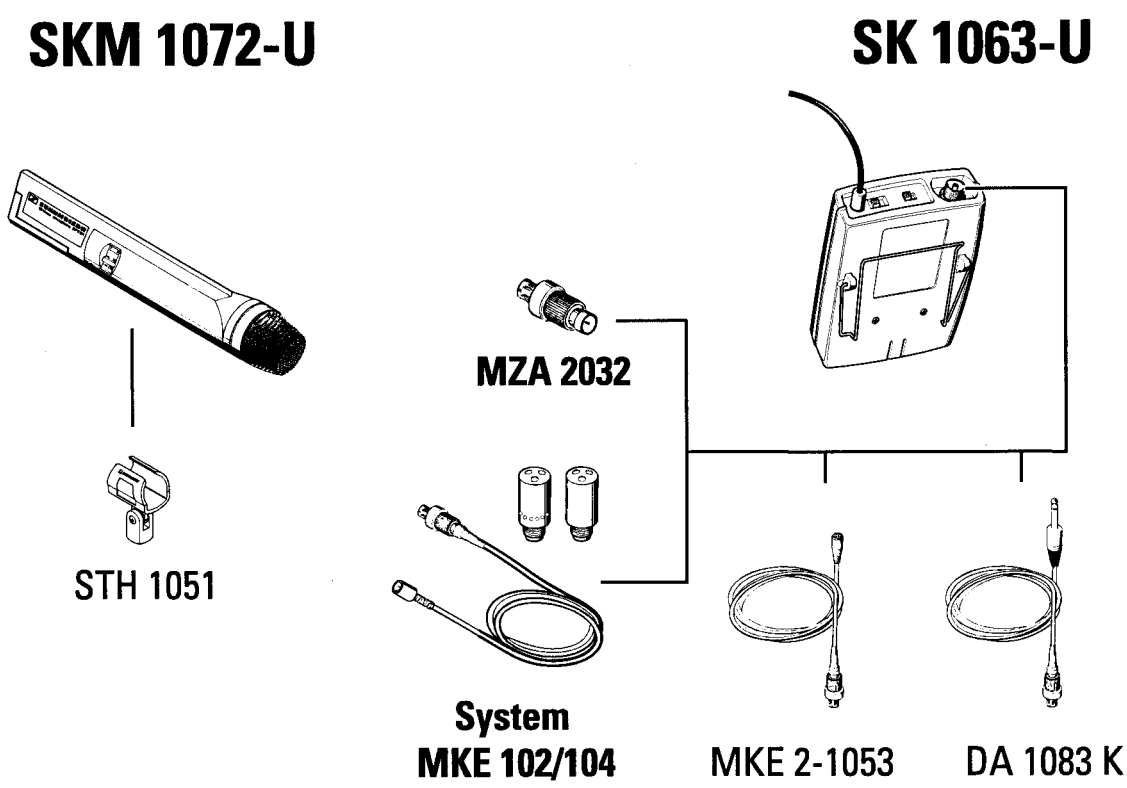
Technical data	**SK 1063-U body-pack transmitter**
AF frequency response	80 - 20,000 Hz (+1/-3 dB)
Signal-to-noise ratio	116 dB (A) as per DIN 45412
Maximum input voltage	1.8 V
THD at 1 kHz	< 0.3 % at max. input voltage
Noise reduction	Sennheiser **HiDyn *plus*®**
Number of channels	16 switchable UHF channels
Modulation/pre-emphasis	FM wideband/50 µs
Nominal/peak deviation	± 40/± 56 kHz
Output power	30 mW
Battery	9 V alkaline, IEC 6 LR 61 (PP3)
Operating time	up to approx. 8 hours of continuous operation (please see also diagram on page 12)
Dimensions	105 x 63 x 26 mm
Weight	approx. 155 g incl. battery
Supply schedule	SK 1063-U body-pack transmitter

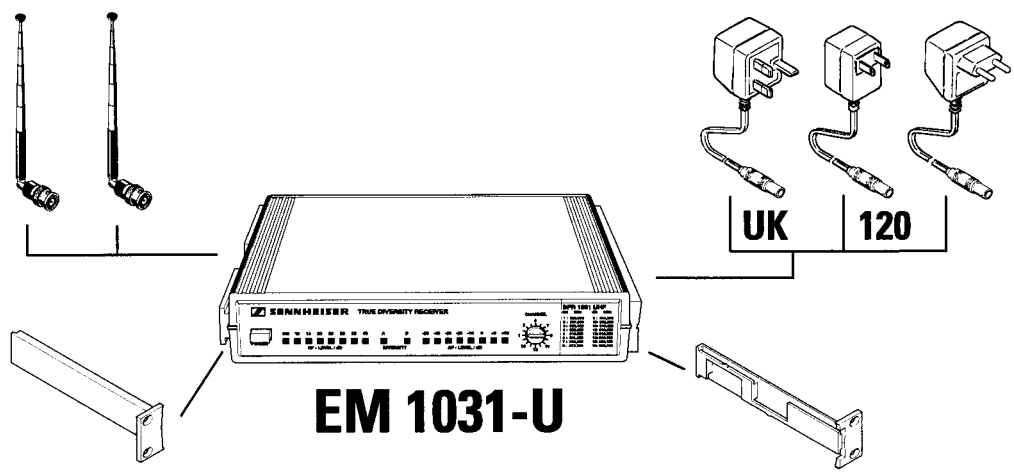
Optional:	**MKE 2-1053 microphone**
Pick-up pattern	omni-directional
Maximum sound pressure level	130 dB at 1 kHz (THD = 1 %)
Length of cable	1.5 m
Dimensions	Ø 4 mm
Connector	special Lemo co-axial plug for the SK 1063-U body-pack transmitter

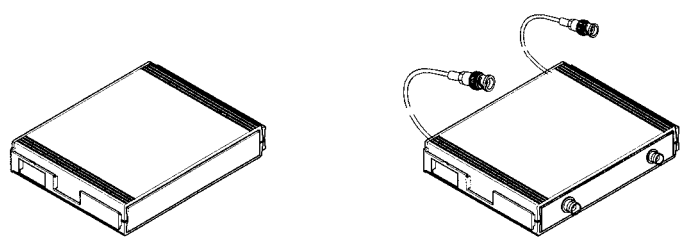
System

The following page gives a complete overview of the system with all available components and accessories.

System components







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